

BALCOMB

Memoranda  
Howland

Howland Is.

18-20 November 1966

Ken Balcomb

HOWLAND ISLAND

18 NOV, 1966

BALCOMB

ARR - 1615 18 NOV

Blood - 2015 → 0400 18/19 NOV

Survey - 0700 → 1200 19 NOV

Return 2200 → 0600 19/20 NOV

Photo & spec. 1300 - 1800 20 NOV

✓ ADP  
CPH  
11/19/66

Done 3/8/69

18 NOV, 1966

Bands Issued

587-83454 - 83498 + 83500

737-82473 - 83500

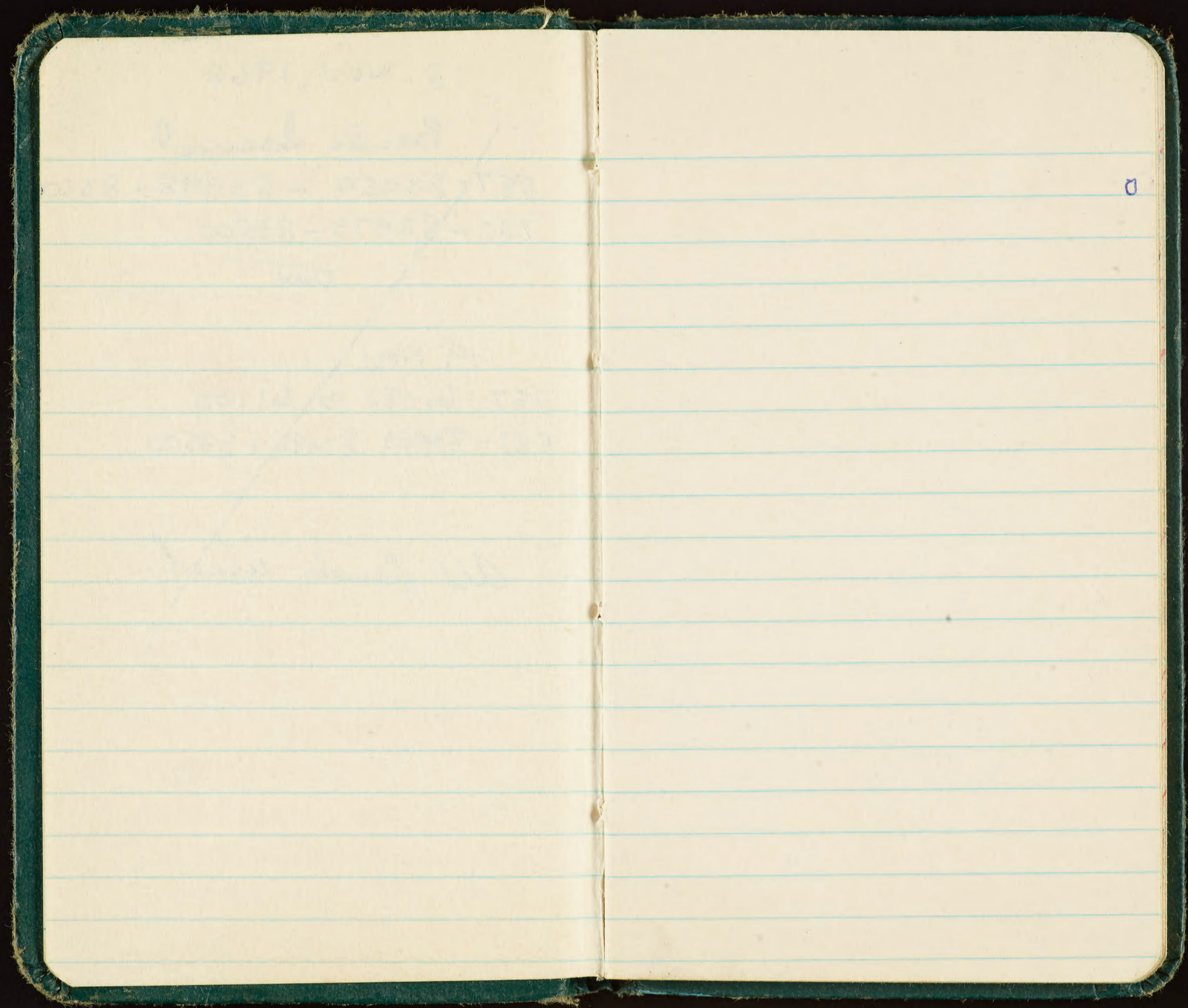
DONE

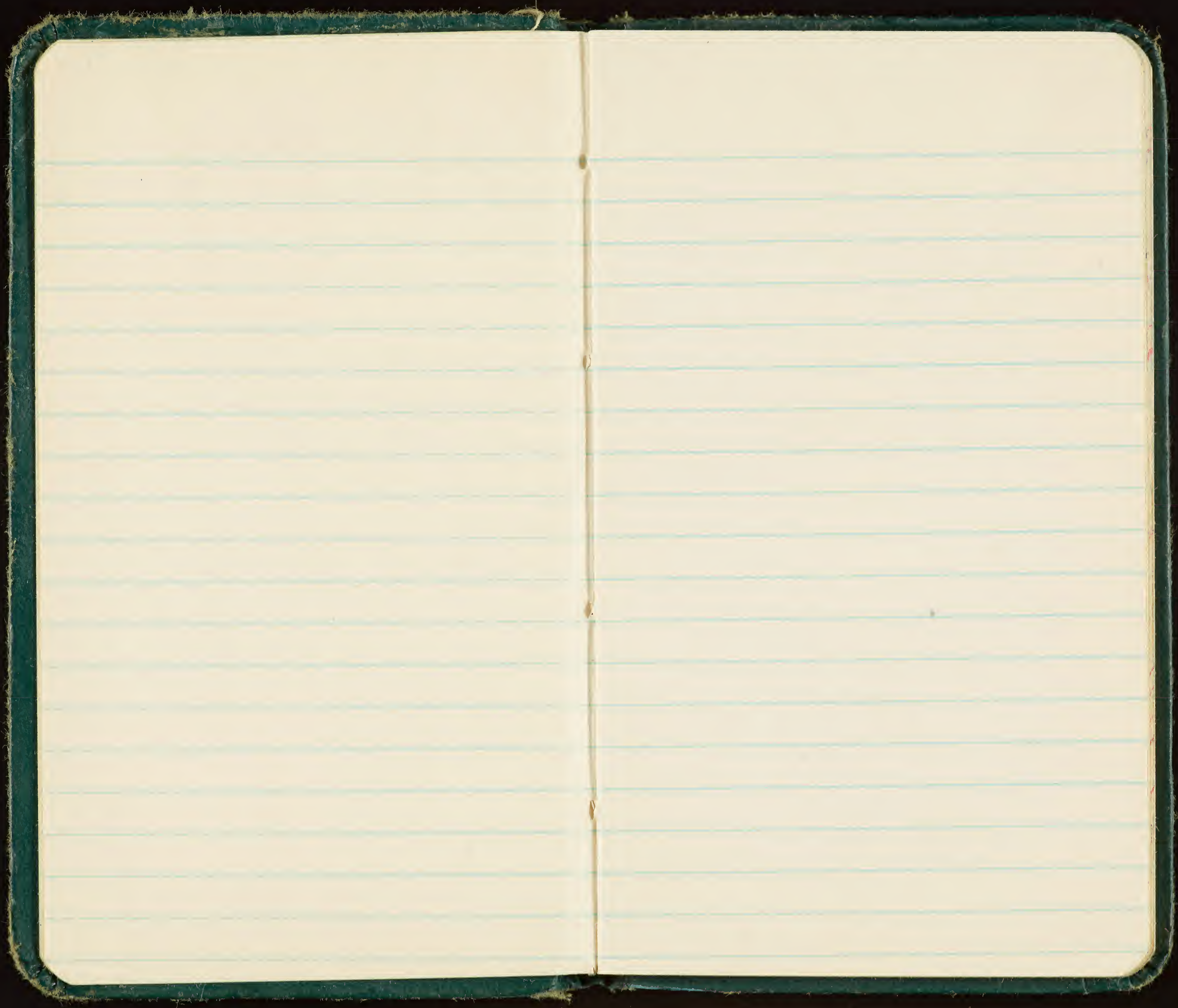
19 NOV

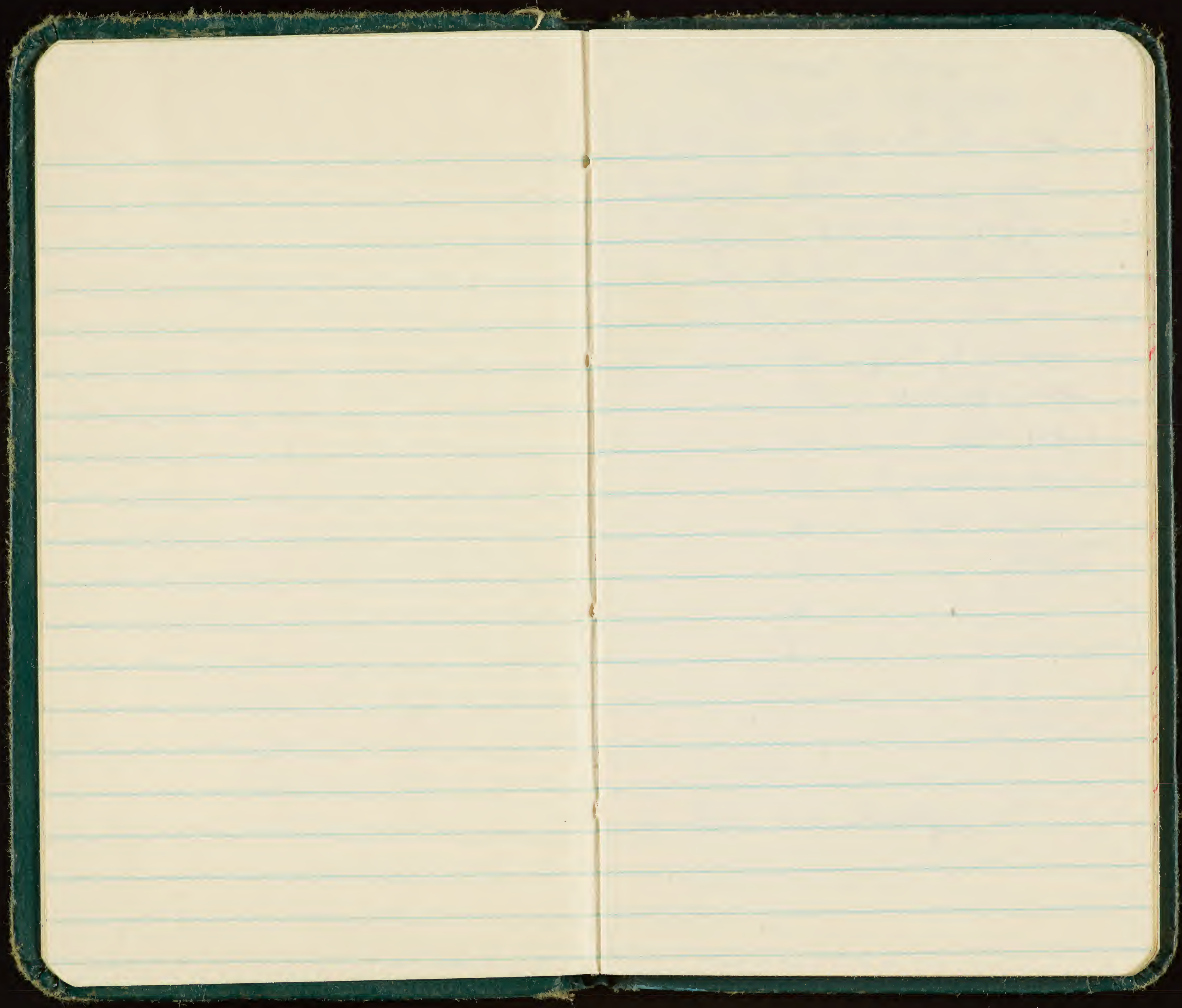
757-61085 → 61100

587-83483 - 83498 + 83500

All bands used.







6 Frig

Imm  
17  
39, 2

Local  
1, 1

Total L. Frig -

699 Balcomb

1031 Pyle

1510 Tuxson

1459 Fitch

4699

18 NOV, 1966

LESSER FRIGATE

504 egg

LDY

LOCAL

1

1, 1

4

30

1

2

2

6

5

4

5, 6

11, 9

2

5

14, 42

9

16

25, 26

24

70, 58

30

87, 78

9

47, 7

15

8, 11

10

529

6

161

7

9

11

699 birds

1  
161

4 eggs

1 Lesser Frig displaying ♂

~~18 NOV~~

~~RFB~~

- ~~1 nest w/eggs 4 phase~~
- ~~1 " w/ 1 DY 4 phase~~  
~~4 phase ad.~~
- ~~1 " w/ Imm 4 phase~~

~~18 NOV~~

~~Blue-faced booby club on Eside~~

~~120 BFB~~

~~15 BB~~

18 NOV, 1966

Banding

737-82482 - BFB lg. chick

83 "

84 "

85 "

86 lg "

87 "

88 "

89 "

90 "

91 Imm

92 "

93 lg chick

94

95

96

97

98

99

Imm  
lg chick

500 - lg chick

# Birds - BFB

AD

~~|||||~~  
~~|||||~~  
 45, 13, 29  
~~|||||~~  
~~|||||~~  
~~|||||~~  
~~|||||~~  
 (244)

Imm

~~|||||~~  
~~|||||~~

244  
 45  
 13  
 29  
 ---  
 321

19 NOV, 1966

# BFB

egg

D. chick

Local

Sum

fg

~~|||||~~  
~~|||||~~  
 11

~~|||||~~  
~~|||||~~  
~~|||||~~  
~~|||||~~

Naked

11

2 eggs

~~|||||~~  
~~|||||~~  
~~|||||~~  
~~|||||~~  
 11

Naked egg

1

3 eggs

1

19 Nov, 1966

Ruddy Turnstone - Interior

~~III~~ 1 14

Golden Plover - Interior

~~II~~ 20

BTC

~~III~~ 1

19 Nov

Brown Booby Birds

Ad.

IN IN IN IN IN IN

26, 17

19 Nov, 1966

Brown booby

nest w 2 eggs + 2 more

"

nest w 1 sun downy chick

nest w 1 egg

nest w 1 sun downy chick

"

" by " "

nest w 2 eggs

"

nest w 1 egg 1 naked chick

nest w 2 eggs

"

" 3 eggs

" 2 eggs

" 1 egg

" 3 eggs

3 eggs

2 runt (coll)

19 Nov

Birds - BFB

Ad.

~~|||||~~  
~~|||||~~  
~~|||||~~

BFB

Imm.

~~||||~~

19 Nov, 1966

BFB Returns

✓ ADP

568 < 71326 ♂ roost ✓  
71477 ♀ " ✓  
737-20731 ♂ w imm ✓  
587-80814 ♀ roost ✓  
737 28934 { ♂ Tag ✓  
                  { ♀ 587-83493 ✓  
737-82431 ♂ w imm (737-82427) ✓  
737-39983 { ♀ roost, 3? ✓  
737-20956 { ♂ roost ✓  
757-63013 { ♂ w Tag ✓  
737-28928 { ♀ ✓  
737-20732 { ♀ w lg dry chick ✓  
737-39920 { ♂ ✓  
587-83322 { ♀ legs, 1 naked chick ✓  
737-39845 { ♂ ✓  
737-27843 { ♀ roost ✓  
737-39929 { ♂ ✓  
737 20728 ♂ roost ✓

✓ADP

19 Nov, 1966

BFB returns

- 737-82429 { ♂ lg dry chick ✓  
 558-85027 { ♀ ✓  
 737-53213 { ♂ roost ✓  
 757-62877 { ♀ ✓  
 737-20960 { ♂ ✓  
 737-39991 { ♀ ✓  
 737-39799 { ♂ ✓  
 737-39956 { ♀ ✓  
 737-53219 { ♀ on 2 egg ✓  
 737-27744 { ♂ ✓  
 737-22845 { ♂ on 1 egg ✓  
 757-65183 { ♀ ✓  
 737-39885 { ? w in ✓  
 737-39954 { ♂ roost ✓  
 737-28867 { ♀ " ✓  
 757-62957 { ♂ roost ✓  
 737-28606 { ♂ sm dry chick ✓  
 737-39800 { ♀ w in ✓  
 737-39782 { ♂ ✓

✓ADP

- 737-39904 { ♂ sm dry chick ✓  
 737-20939 { ♀ ✓  
 737-53198 { ♀ roost ✓  
 737-53379 { ♀ w in ✓  
 737-39778 { ♂ ✓  
 737-20888 { ♂ roost ✓  
 737-53339 { ♂ " ✓  
 737-20934 { ♀ " ✓  
 737-49642 { ♀ w lg chick ✓  
 737-39752 { " ✓  
 737-37595 { ♀ " ✓  
 737-26691 { ♂ ✓  
 737-39751 { ♂ 1 egg ✓  
 757-60880 { ♀ new bird ✓  
 737-23546 { ♂ empty nest ✓  
 737-25875 { ♂ in ✓  
 737-20936 { ♀ ✓  
 737-39715 { ♂ ✓  
 737-39762 { ♀ ✓  
 737-49771 { ♀ in ✓

19 NOV, 1966

BFB chick & ~~imm~~

~~757-61085 - Imm~~

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

19 NOV, 1966

BFB Banding

VADP

~~587-83483 - A ♂~~

84 A ♀

85 SAU

86 SAU

87 SAU

88 A ♂

89 A ♀

90 A ♂

91 A ♀ blue paint w lg d chick

737-53353 ♂ ✓

92 A ♀

93 A ♀ w 2 eggs ✓

737-28934 ✓

94 Imm U

95 "

96 A ♀

97 Imm U

98 "

500 "

19 Nov

✓ ADP

BFB returns (cont'd)

- 757-62913 ♂ roost ✓  
737-39898 ♂ w imm ✓  
737-39886 ♂ w lg chick ✓  
737-39888 { ♂ roost ✓  
757-65087 { ♀ ✓  
757-63250 { ♂ lg down chick ✓  
587-80877 { ♀ ✓  
737-27650 ♂ down ✓  
737-39692 ♀ " ✓  
737-27741 { ♀ roost ✓  
737-28664 { ♂ (interpreted as 28669 CDP) ✓  
737-25896 ♀ roost ✓  
757-65014 ♀ " ✓  
737-39733 ♂ " ✓  
757-63120 { ♀ " ✓  
568-71394 { ♂ ✓  
737-27592 ♀ lg chick ✓

20 NOV, 1966

Reconnaissance

~~727 - 86514~~

~~737 - 81802~~

✓ RFB

20 NOV, 1966

RFB Returns

- |    |           |                       |   |
|----|-----------|-----------------------|---|
| 6  | 747-57621 | Int roost.            | ✓ |
| 14 | 777-56001 | "                     | ✓ |
| 3  | 747-51170 | int on leg            | ✓ |
| 9  | 777-51556 | SA roosting           | ✓ |
| "  | 777-51560 | "                     | ✓ |
| 10 | 777-51557 | "                     | ✓ |
| 12 | 777-51563 | "                     | ✓ |
| 2  | 737-81558 | " b. and feeding      | ✓ |
| 13 | 777-55594 | int roost             | ✓ |
| "  | 727-86539 | "                     | ✓ |
| 8  | 777-51548 | "                     | ✓ |
| 4  | 747-53566 | int on leg            | ✓ |
| 7  | 747-68481 | SA roost in L. cordia | ✓ |
| 5  | 747-56944 | int "                 | ✓ |

20 NOV, 1966

RFB -

NESTING

~~|||||~~

ROOSTING

~~|||||~~  
~~|||||~~

8 + 52 in live cordia tree

BFB

A d    IIII    II    IIII    IIIII    IIII    IIII  
        IIII    IIII    IIII    IIII    IIII    IIII

interview

SA. 11 interior

1 am ~~III~~ ~~III~~ ~~III~~ ~~III~~ ) antenae

BFB

interior

✓ ADP

20 NOV, 1966

737f28825 SAU roast

737-28567 ♀ w leggy

737-20842  $\xi \sigma^T$  starting

737-62723 2 ♀

757-63194 07

757-68393 507 w in

737-27843 2 ♀

737-53359 ♂  $\sigma^7$  w in

737-20685 / 29

737. 53303 / ♂ Standing

737-28660 / 5 ♀ w arm

737-20850 9/03

737- 23733 ~~Q~~ standin

737- 23738 ♂

737. 20846 ♀

737- 20613 ♀

737- 39812 ♀ ~~staphy~~

737- 53319 ♀

737-23562 ♀ w imm

VADP

20 NOV, 1966 BFB

- 737- 49614 ♂ on empty nest ✓  
 737- 27651 ♀ standing ✓  
 737- 49513 ♂ " ✓  
 737- 39811 ♀ " ✓  
 737- 39997 ♀ " ✓  
 737- 20605 ♀ " ✓  
 737- 53286 ♀ on egg ✓  
 737- 39958 ♂ " ✓  
 757- 65249 ♀ w in ✓  
 737- 53218 ♀ standing ✓  
 737- 20931 ♂ " ✓  
 737- 20736 " " ✓  
 737- 20616 ♀ " ✓  
 737- 39938 ♂ w in ✓  
 737- 28758 ♂ on egg ✓  
 737- 20839 ♂ standing ✓  
 737- 53273 ♂ eggs ✓  
 737- 27871 ♀ standing ✓  
 737- 28760 ♀ w in ✓  
 737- 49685 ♂ ✓

E. rim

E. Beach

20 NOV, 1966 BFB

VADP

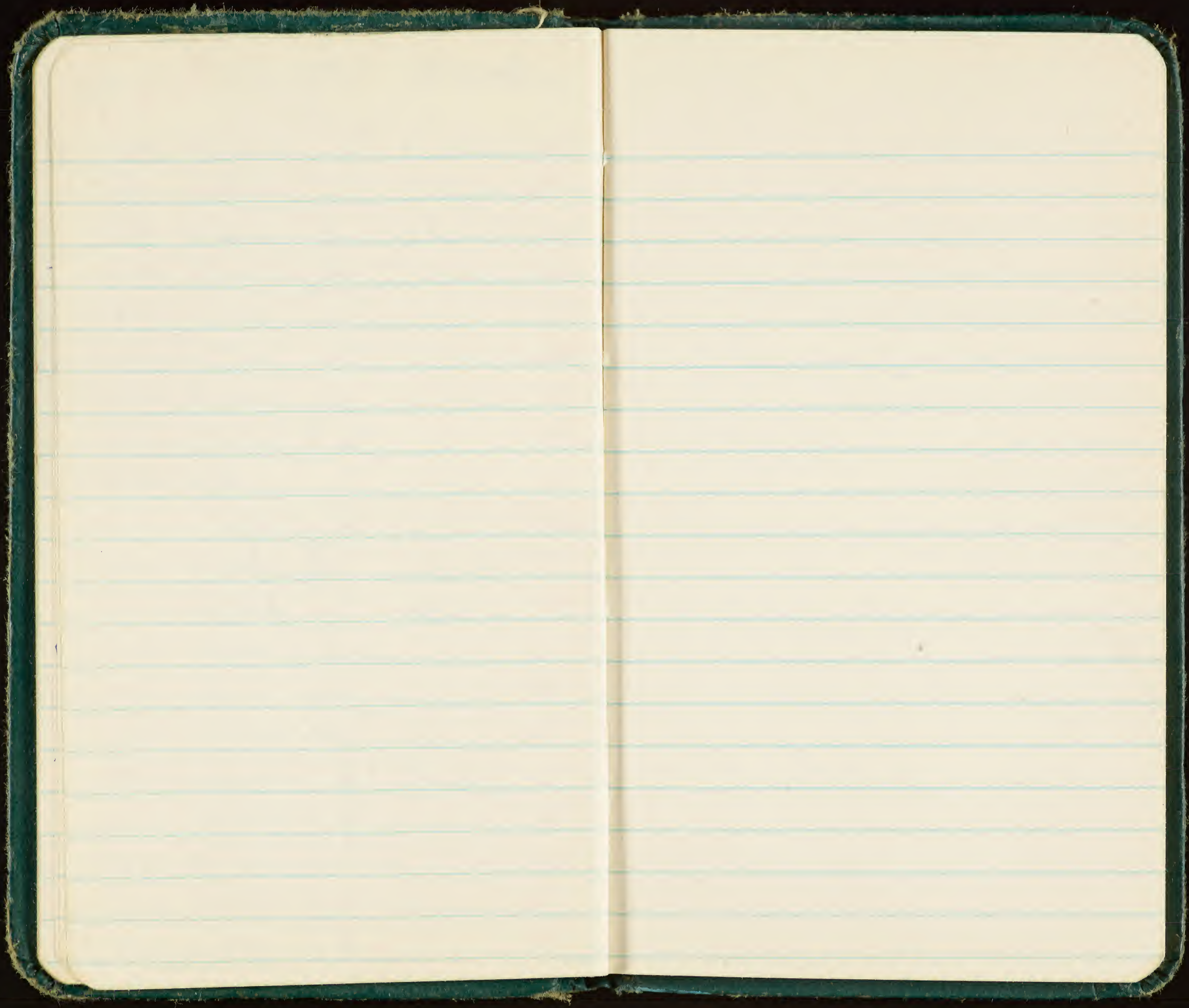
E Beach.

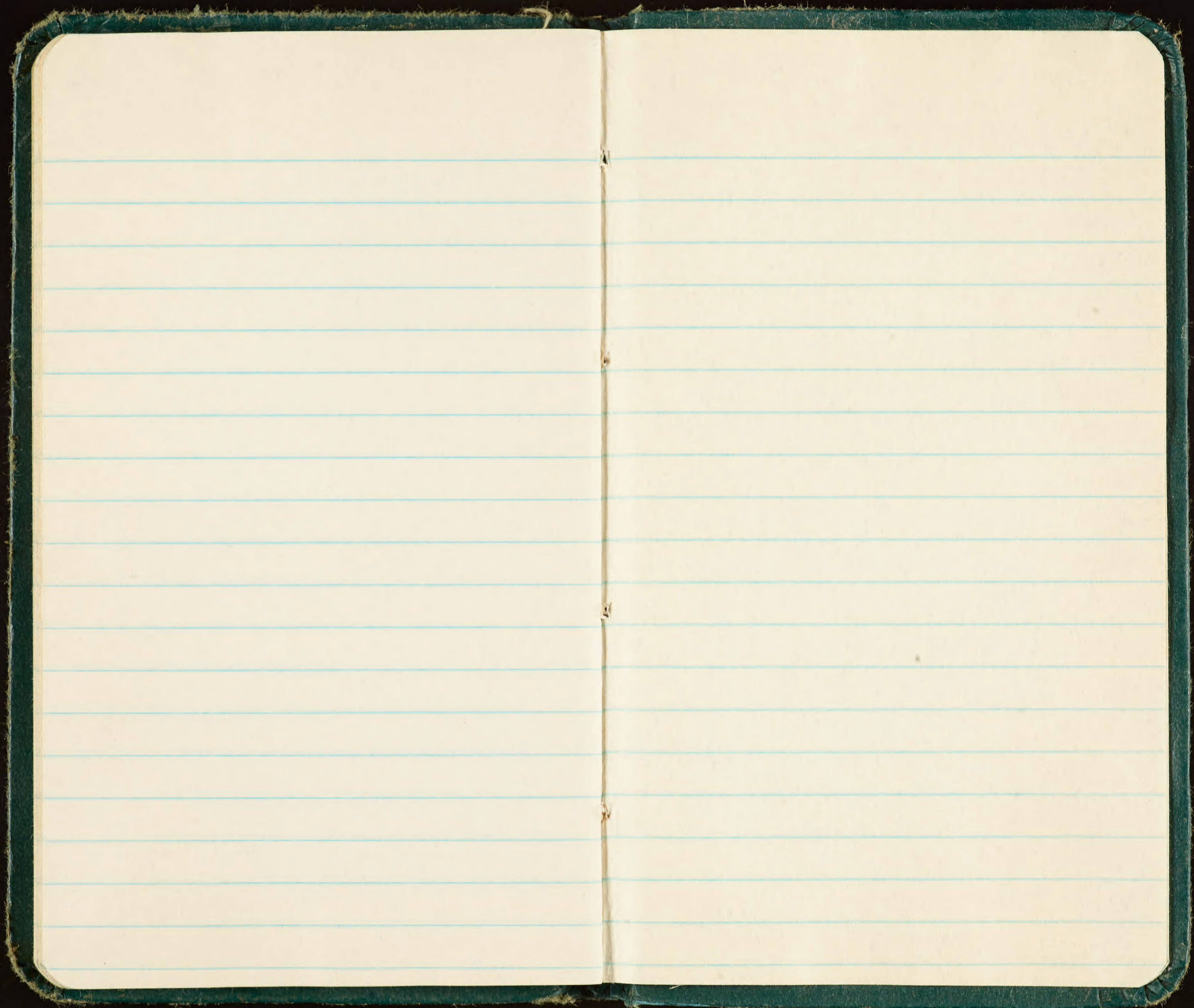
- 757- 63252 ♂ standing ✓  
 737- 28706 ♂ " ✓  
 737- 49678 ♂ " ✓  
 737- 20738 ♀ w in ✓  
 737- 28954 ♂ w in ✓  
 737- 23568 ♀ " ✓  
 737- 20814 ♀ standing ✓  
 737- 20640 ♂ ✓  
 737- 27698 ♂ w in ✓  
 737- 27910 ♀ standing ✓  
 587- 83248 ♀ " ✓  
 587- 83329 ♀ standing ✓  
 737- 27829 ♀ " ✓  
 757- 65359 ♂ w in ✓  
 737- 22459 ♂ w in ✓  
 757- 63122 ♀ ✓

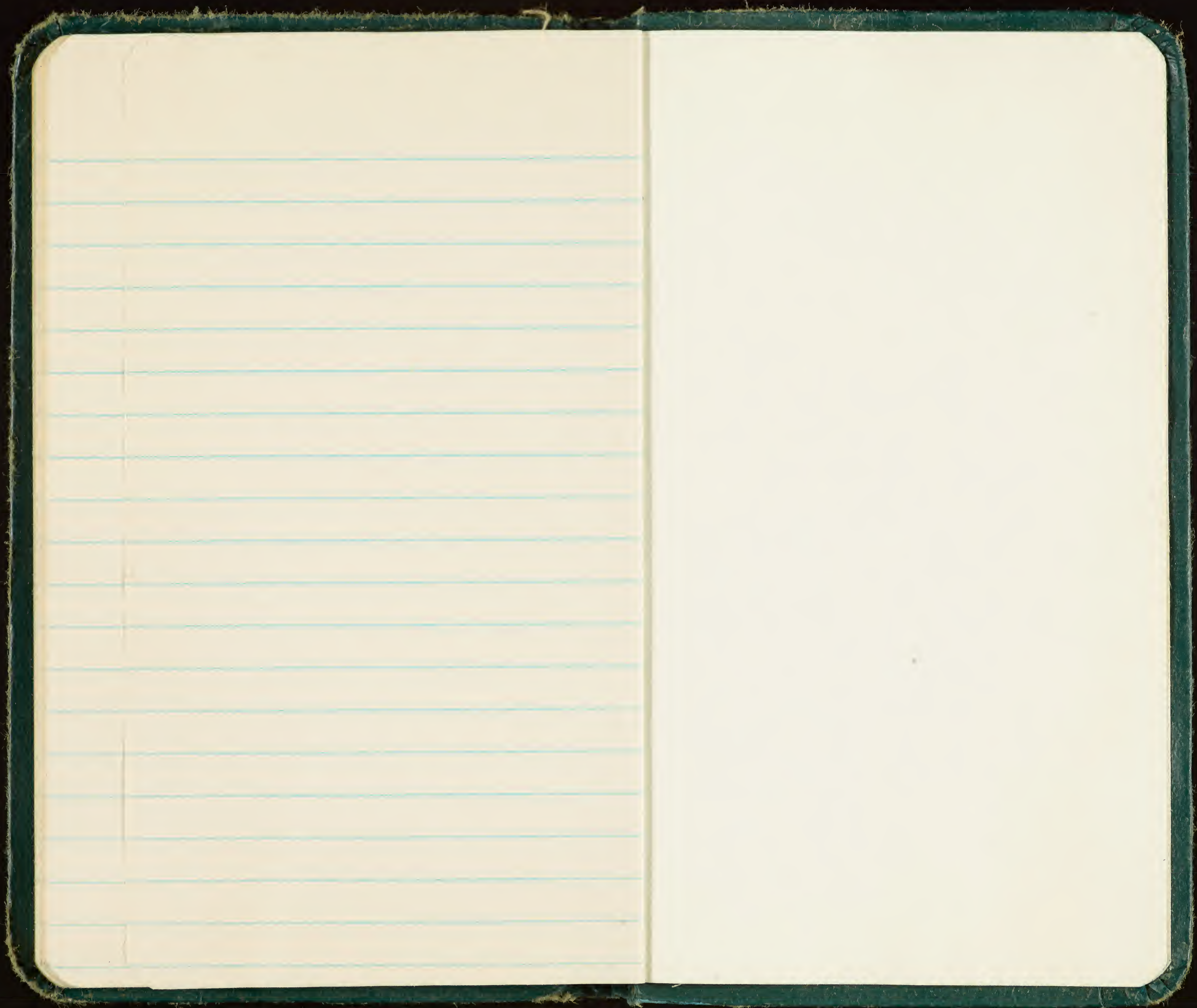
Int. Beach

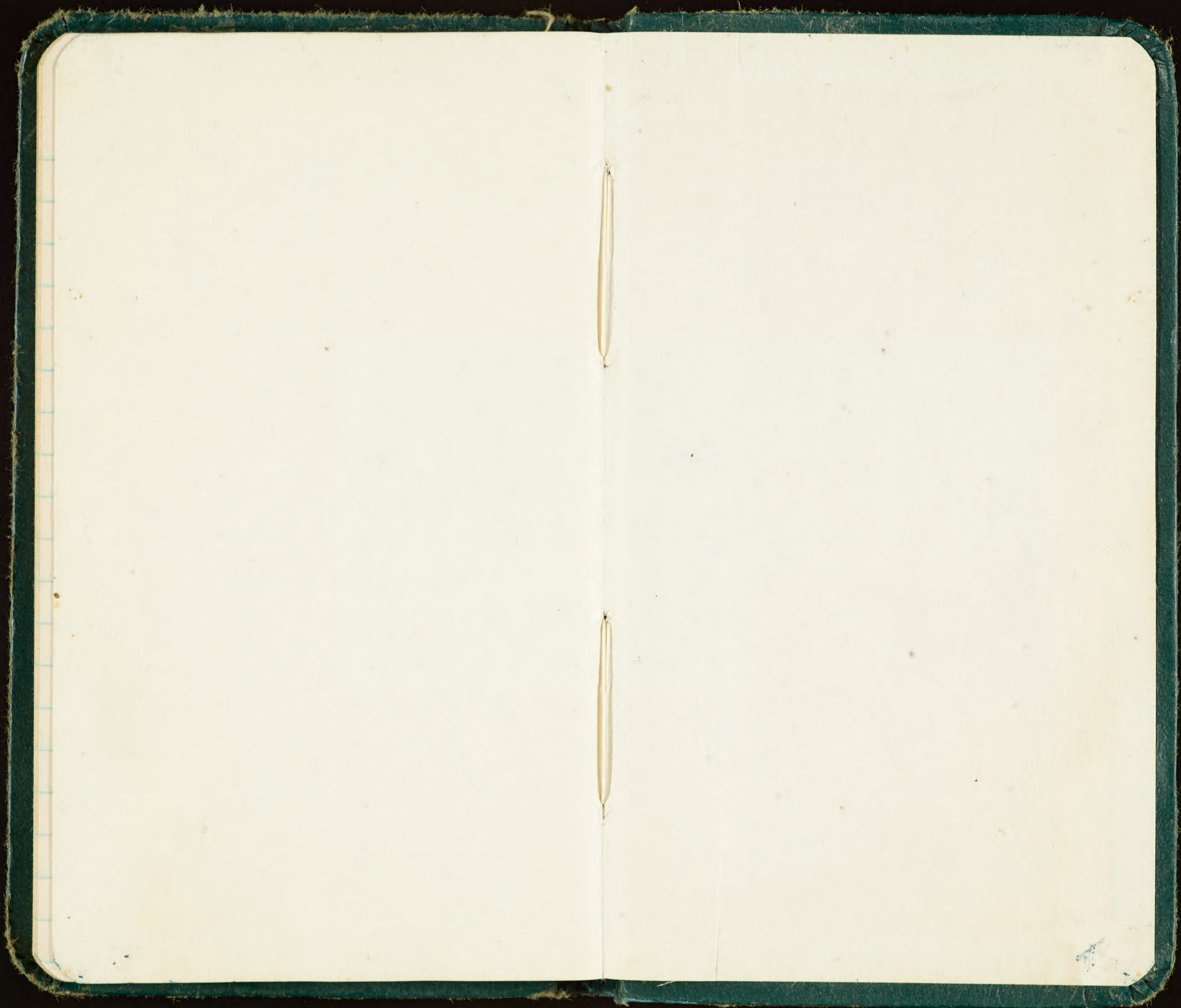
Anterior  
✓ ADP 20 NOV BFB returns

737-39972	♂	win	✓
737-20843	♂	zee	✓
587-83638	♀	standing	✓
737-20929	♀	win	✓
737-53308	♂	"	✓
737-53314	♂	win	✓
737-27940	♀	win	✓
737-28524	♂	"	✓
737-28527	♂	win	✓
737-23527	♀	win	✓
757-65026	♂	standing	✓
737-39995	♂	standing	✓
737-28571	SAU	"	✓
737-39999	♀	win	✓
587-83636	♂	"	✓
737-20607	♀	standing	✓
737-26646	♀	win	✓
737-53221	♂	"	✓
737-53264	♂	win	✓
757-62876	♀	ok	✓









**7530-222-0078**  
**FEDERAL SUPPLY SERVICE**